



Test Data Sheet (TDS)

GRADE: **CALFIL**

Calcined Aluminium Silicate Powder

Properties	Specifications		UOM
	LSL	USL	
Appearance/form	White Fine Powder		Visual
Brightness (ISO)	90	91	%
Moisture, (1hr @ 110° C)	0	0.5	%
Residue (325 #)	0	0.05	%
pH (10% aq. Solution)	5.5	6.5	Numbers
PSD Below 2 microns	55	60	%
Oil Absorption	50	55	Gm/100 gms
Bulk Density (loose)	0.35	0.45	Gm/cc
Al ₂ O ₃	42	48	%
SiO ₂	50	55	%
TiO ₂	0.8	1.0	%
Fe ₂ O ₃	0.4	0.5	%
CaO	0.1	0.2	%
MgO	0	0.1	%
Na ₂ O	0.1	0.2	%
K ₂ O	0.1	0.2	%
LOI (900° C@ 1 hr)	0.1	0.5	%

The data quoted are determined by use of ABCPL standard test methods. Every precaution is taken in production to ensure the products conform to our published data, but as they are based on naturally occurring raw materials, we reserve the right to change these data, should it become necessary.